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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/796,207
		Filing Date	03/10/2004
		First Named Inventor	Kato, et al.
		Art Unit	1753
		Examiner Name	TBD
Sheet 1 of	Attorney Docket Number	520.30414C55	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
KSO		US- 5,536,128	7/16/1996	Shimoyashiro, et al.	
		US-			
		US-			

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
KSO		JP 64-036042	2/7/1989	Kokusai Electric Co., Ltd.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KSO		S. Nakagawa, "Dry Etching", Drafts in Symposium of VLSI and FA Technology, April 1985, pages 1-14	
KSO		N. Nagai, "Parallel-Implantation Ion Implantation Device "NH-20SP", Special Issue/Semiconductor Manufacturing Device of Half-Micron Age, pages 1-12, 3/1990	

Examiner Signature	KSO Malley	Date Considered	7/23/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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[illegible]

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
KJO	Sho-61-173445	8/5/86	Japan			X	

K880 	Decision on Opposition No. 2001.72514 relating to JP 3145359, Patentee Hitachi, Ltd., pages 1-27, November 20, 2002
	Decision on Opposition No. 2001.72518 relating to JP 3145375, Patentee Hitachi, Ltd., pages 1-28, November 20, 2002
	Decision on Opposition No. 2001.72519 relating to JP 3145376, Patentee Hitachi, Ltd., pages 1-23, November 20, 2002
	Decision on Opposition No. 2001.72574 relating to JP 3147230, Patentee Hitachi, Ltd., pages 1-22, November 20, 2002

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FORM PTO-1449 U.S. Department of Commerce
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

503,304,14C55

APPLICATION NO.

TBD

APPLICANT
KATO, et al.

FILING DATE
March 10, 2004

EXPECTED GROUP
3749

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KSO	3 6 5 2 4 4 4	2-72	Lester, et al.			
	3 9 8 1 7 9 1	9-76	Rosvoid			
	4 2 2 6 8 9 7	10-80	Coleman			
	4 3 1 1 4 2 7	1-82	Coad, et al.			
	4 3 1 3 8 1 5	2-82	Graves, Jr. et al.			
	4 4 4 9 8 8 5	5-84	Hertel, et al.			
	4 4 5 7 6 6 1	7-84	Flint, et al.			
	4 5 3 4 3 1 4	8-85	Ackley			
	4 5 6 3 2 4 0	1-86	Shibata, et al.			
	4 6 3 4 3 3 1	1-87	Hertel			
	4 7 0 5 9 5 1	11-87	Layman, et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCL ASS	TRANSLATION
					YES NO
KSO 6 2 8 9 8 8 1	4-87	Japan			X
6 2 2 0 7 8 6 6	9-87	Japan			X
1 3 1 9 7 0	2-89	Japan			X
1 3 1 9 7 1	2-89	Japan			X
6 3 6 5 8 2	1-89	Japan			X
1 1 3 5 0 1 5	5-89	Japan			X

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KSO	R.P.H. Chang, "Multipurpose plasma reactor for materials research and processing", J. Vac. Sci. Technol., Vol. 14, No. 1, Jan./Feb. 1977, pages 278-280.
	Semiconductor Equipment Association of Japan, "Terminological Dictionary of Semiconductor Equipment", front, table, page 183, back, Nov. 20, 1987.
	Semiconductor Equipment Association of Japan, "Semiconductor News", Vol. 4, pp. 38-43, April 10, 1987 (w/ translation).

EXAMINER

KSO Malley

DATE CONSIDERED

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KSO	4 7 1 5 7 6 4	12-87	Hutchinson			
	4 8 5 1 1 0 1	7-89	Hutchinson			
	4 8 3 6 7 3 3	6-89	Hertel, et al.			
	4 8 3 6 9 0 5	6-89	Davis, et al.			
	4 8 9 5 1 0 7	1-90	Yano, et al.			
	4 9 0 2 9 3 4	2-90	Miyamura, et al.			
	4 9 0 3 9 3 7	2-90	Jakuniec, et al.			
	4 9 0 9 6 9 5	3-90	Hurwitt, et al.			
	4 9 1 1 5 9 7	3-90	Maydan, et al.			
	4 9 1 5 5 6 4	4-90	Error, et al.			
	4 9 1 7 5 5 6	4-90	Stark, et al.			

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					YES	NO
KSO	2 6 5 2 5 2	3-90	Japan		X	
	6 4 1 2 0 3 7	1-89	Japan		X	
	2 6 1 0 6 4	3-90	Japan			X
	1 3 1 0 5 5 3	12-89	Japan			X
	1 2 5 1 7 3 4	10-89	Japan			X
	6 2 4 4 5 7 1	2-87	Japan			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER KSO Malley

DATE CONSIDERED 7/24/04

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520.30414C55

APPLICANT
KATO, et al.

Filed: 03/10/04

EXPECTED GROUP
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DOCUMENT NUMBER															DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
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K80		1	2	9	8	1	8	0	12-89	Japan										
	2	0	2	4	6	4	5	3	4-87	Europe										
			2	6	5	2	5	2	3-90	Japan										

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
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	4 9 3 6 3 2 9	6-90	Michael, et al.	134	902	
	5 0 1 4 2 1 7	5-91	Savage	364	550	
	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
	4 1 3 8 3 0 6	2-79	Niwa	156	345	
	4 5 7 6 6 9 8	3-86	Gallagher, et al.	204	192	
	5 0 1 4 2 1 7	5-91	Savage	364	498	
	5 3 5 1 4 1 5	10-94	Brooks, et al.	34	389	
	4 8 4 3 6 2 9	2-87	Takahashi, et al.	414	331	
	4 8 2 4 3 0 9	4-89	Kakehl, et al.	414	217	
	4 9 5 1 6 0 1	6-90	Maydan, et al.	414	217X	

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					YES NO
KSB 2 0 3 8 1 3 3 8	5-90	Europe			
6 4 1 2 0 3 7	1-89	Japan			
4 3 0 5 4 9	4-92	Japan			
8 7 0 7 3 0 9	5-87	PCT Int'l Appl.			
2 9 4 6 4 7	4-90	Japan			
6 0 2 4 6 6 3 5	12-85	Japan			

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EXAMINER

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DATE CONSIDERED

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	5 5 5 6 7 1 4	8-96	Fukuyama, et al.			
	5 6 5 1 8 5 8	7-97	Lin			
	5 6 7 5 4 6 1	10-97	Aylwin, et al.			
	4 3 1 3 7 8 3	2-82	Davies, et al.			
	4 3 1 8 7 6 7	3-82	Hijikata, et al.			
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION
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5 7 2 9 5 7 7	2-82	Japan			
6 3 1 5 3 2 7 0	6-88	Japan			

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DATE CONSIDERED

7/23/04

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 520.30414C55	SERIAL NO. TBD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KATO, et al.	
		Filed: 03/10/04	GROUP 3749

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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation / Abstract	
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7	AV	JP patent No. 3147230, Notice of Reasons for Revocation 12-18-01 (TR)
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Examiner	KSS Mally	
	Date Considered	7/23/04

* PTR (partial translation) - FTR (full translation) - ABS (abstract)

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AV	KR application No. 212874, 12-22-00, Notice of Decision on Opposition to the Granted Patent
AW	KR application No. 46757/98, Preliminary Notice of Ground(s) for Rejection 1-20-99 (TR)
AX	KR application No. 212819, 12-22-00, Notice of Decision on Opposition to the Granted Patent (TR)
AY	JP patent No. 3145359, Notice of Reasons for Revocation 12-18-01 (TR)
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Examiner	Date Considered
K20 Malley	7/23/04

* PTR (partial translation) - FTR (full translation) - ABS (abstract)

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AW	EP98106162, Office action 6-2001
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AY	KR application No. 184682-00-00 Notice of Decision on Opposition to the Granted Patent 10-4-2000 (TR)
AZ	KR application No. 184682, Trial Decision 8-1-00 (TR)
Examiner	Date Considered
K. J. Malley	7/23/04

* PTR (partial translation) - FTR (full translation) - ABS (abstract)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KATO, et al.	
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	AV	EP91307625, Communication of a notice of opposition 11-19-98
	AW	EP91307625, Interlocutory decision in Opposition proceeding, 5-16-00
	AX	EP91307625, Minutes of the oral proceedings, 3-9-00
	AY	EP97111628, Office action 12-1999
	AZ	EP97111628, Office action 11-2000
Examiner <i>KSOmally</i>		Date Considered <i>7/23/04</i>

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	AY	JP application No. 2000-054452, Notification of Reasons for Refusal 9-6-00 (TR)
	AZ	EP91307625, Office Action 10-11-93
Examiner KSO Malley		Date Considered 7/23/04

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						Yes	No
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	AO	58-108641	6-28-83	Japan		ABS	
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	AQ	61-250185	11-7-86	Japan		ABS	
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	AV	Official Decision on Opposition to Grant of Patent 1999-71584 1-12-01 (TR)
	AW	JP application No. 9-329873, Notification of Reasons for Refusal 7-14-98 (TR)
	AX	JP application No. 9-329873, Notification of Reasons for Refusal 11-10-98 (TR)
	AY	JP patent No. 2942527, Notice of Reasons for Revocation 6-27-00 (TR)
	AZ	Decision on Opposition to the Grant of a Patent 2000-70844 1-12-01 (TR)
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KS	AN	62-132321	6-15-87	Japan		PTR/ABS	
	AO	63-131123	8-26-88	Japan		PTR	
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OTHER DOCUMENTS * (Including Author, Title, Date, Pertinent Pages, Etc.)

KS	AU	JP application No. 2646905, Notice of Reasons for Revocation 7-21-99 (TR)
	AV	Decision for Patent Opposition, Opposition No. 10-70995 (10-99) (TR)
	AW	JP application No. 2-225321, Notification of Reasons for Refusal 10-15-96 (TR)
	AX	JP application No. 8-335329, Interview Record (TR)
	AY	JP application No. 8-335329, Notification of Reasons for Refusal 9-30-97 (TR)
	AZ	JP application No. 8-335329, Notification of Reasons for Refusal 4-7-98 (TR)
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